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**Cc:** Dee.allen@ldftribe.com[Dee.allen@ldftribe.com]; Greenwater, Anthony[greenwater.anthony@epa.gov]; Manville, Jennifer[manville.jennifer@epa.gov]; Kamke, Sherry[Kamke.Sherry@epa.gov]; Kady, Thomas[Kady.Thomas@epa.gov]  
**From:** Egan, Robert  
**Sent:** Tue 5/30/2017 1:55:04 PM  
**Subject:** RE: EPA's Source Soil Interim Action gw SVE-AS system determination- clarification and request

Kristen,

The region, Tom Kady at ORD, and the Bristol engineers believe that there is enough data from the source area to design an interim measure. I have asked both Tom and Bristol more than once to give me their professional opinion on this matter. I have not asked them to provide a report or position paper which details the data that led them to this conclusion. I asked them to use their knowledge and experience in investigating and remediating similar sites, based on the amount and types of data that we have had available since fall of 2016. This does not mean that additional samples won't be necessary as part of design or implementation of a remedy, just that enough samples and data have been collected already to move to remedy design/testing, including using AS/SVE.

Regarding the example sites, Tom provided some examples of sites in New Jersey with sandy substrata. I will forward these to you. Each site system example has been successful in removing large quantities of VOCs, but I do not believe that any of the sites have yet been closed out by the state. I will ask for some additional examples where the site was able to reach the cleanup goal. Also, I have reached out to Michigan to ask for examples from that state. I will forward the information I receive from them.

Bob Egan

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**From:** Hanson, Kristen [mailto:KHanson@ldftribe.com]  
**Sent:** Thursday, May 25, 2017 1:32 PM  
**To:** Egan, Robert <egan.robert@epa.gov>  
**Cc:** Dee.allen@ldftribe.com; Greenwater, Anthony <greenwater.anthony@epa.gov>; Manville, Jennifer <manville.jennifer@epa.gov>  
**Subject:** EPA's Source Soil Interim Action gw SVE-AS system determination- clarification and request

Bob,

Please confirm and clarify the position you described during today's EPA, State DNR, State Contractor, and Tribal call regarding interim action at the site. If I heard correctly, you asserted that EPA, EPA's contractor, and EPA ORD all believe that there is sufficient characterization for interim action to include AS/SVE system. I want to make sure I understand the position of EPA, EPA contractor, and EPA ORD.

Secondly, we are requesting that you provide an opportunity to explain the data and information utilized to support EPA's decision to Tribal Staff.

Lastly, we continue to request examples of successful cleanups utilizing AS/SVE at similar sites (contaminants, site conditions). This was asked for in previous EPA-Tribe calls, during a September 2016 webinar, during the February 2017 Facilitated Meeting, and during the March 2017 Facilitated Meeting.

Kristen Hanson

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